

### **pJET – blunt end**

1. Set up the ligation reaction on ice
  1. 10  $\mu$ L 2X Reaction Buffer
  2. 1  $\mu$ L PCR product
  3. 1  $\mu$ L pJET Vector
  4. 7  $\mu$ L nuclease-free water
  5. 1  $\mu$ L T4 DNA Ligase
2. Incubate the ligation mixture at room temperature for >1h (or overnight)
3. Use the ligation mixture directly for transformation

**Notes: pJET codes for an Ampicillin resistance**